Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 29 Dec 2022 until 23:59 on Friday 30 Dec 2022

Forecast Issued on Wednesday 28 Dec 2022 at 13:25

Confidence: High becoming Medium in details from Saturday

Headline for Thursday 29 Dec 2022: Cold and windy with wintry showers.

Mountain weather hazards on Thursday 29 Dec 2022

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Heavy rain showers (night)	Light rain	Cloudy	Sleet showers	Sleet showers	Sleet showers (night)	Partly cloudy (night)
Precipitation probability							
50%	50%	50%	40%	60%	60%	40%	30%

Forecast for Thursday 29 Dec 2022

Weather: Showers overnight. Rather cloudy with a wintry showers during daylight hours, although some drier and brighter spells expected. The showers mainly of rain below 600m, the showers dying out in the evening. Severe wind chill.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Occasional or extensive cloud above the summits, but lowering 600m or less in showers. The visibility good or very good falling poor or very poor in showers and cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 29 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/45 SW	31/42 W	33/45 W	31/42 SW	31/42 SW	30/40 SW	21/30 SW	24/35 SW	22/34 SW
300	25/36 SW	23/34 SW	24/34 W	24/35 SW	25/35 SW	23/34 SW	18/28 SW	17/28 SW	18/30 SW
Valley	16/35 SW	16/33 W	16/33 W	16/34 SW	17/36 SW	16/34 W	13/27 SW	11/25 SW	11/27 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-4	3/-3	2/-5	1/-6	2/-6	2/-6	1/-6	1/-6	1/-6
300	6/0	6/0	5/-1	4/-2	4/-1	4/-1	3/-2	3/-2	3/-2
Valley	6/2	6/2	5/1	4/-0	5/0	5/0	4/-1	3/-1	3/-1
Freezing Level*	1100m	1100m	1000m	700m	700m	800m	700m	700m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winter hazards around the tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 28 Dec 2022	22.2mm	24.6mm	26.8mm

Forecast for Friday 30 Dec 2022

Weather: Turning milder again as rain sweeps northwards overnight and during the morning, the rain heavy and persistent at times along with summit gales. It should begin to dry up during the afternoon with the cloud beginning to lift and break, a scattering for showers then following.

Maximum wind: South or Southwest 30-35mph gusting 50mph.

Chance of cloud-free hill tops above 600m: 30%, becoming 70% around dusk.

Low cloud and visibility: Extensive cloud, base 300 to 600m overnight and during the morning, lifting and breaking near or above the summits by dusk. Visibility moderate or poor in rain, and very poor at height, becoming good or very good at times later in the day.

Temperature: **Valleys:** Plus 2 Celsius rising to 9 Celsius
At 600m: Plus 1 Celsius soon rising Plus 5 Celsius, later Plus 3 Celsius
Freezing level: Above the summits

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